

Converting Colors

YUV(216.2160, 19.1205,
-19.4834)

Have a look what the booklet for
YUV(216.2160, 19.1205, -19.4834)
contains.

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Color

**YUV(216.2160, 19.1205,
-19.4834)**

Conversions

Conversions Part 1

Format	Color
Hex	C2DCFF
RGB	194, 220, 255
RGB Percent	76%, 86%, 100%
CMY	0.2392, 0.1373, 0.0000
CMYK	0.24, 0.14, 0.00, 0.00
HSL	214°, 100%, 88%
HSV	214°, 24%, 100%
XYZ	65.8913, 69.8757, 104.6223
YIQ	216.2160, -26.7310, 5.3730

Conversions

Conversions Part 2

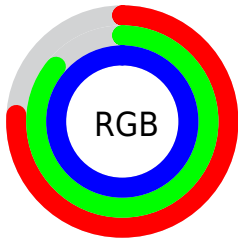
Format	Color
R_{YB}	194, 212, 255
Decimal	12770559
CIE Lab	86.94, -1.17, -19.88
CIE LCh	87, 19.915, 266.636
Yxy	69.8757, 0.2741, 0.2907
Android (android.graphics.Color)	4290960639 (0xFFC2DCFF)
YUV	216.2160, 19.1205, -19.4834
Hunter-Lab	83.5917, -5.5825, -15.6924

Details

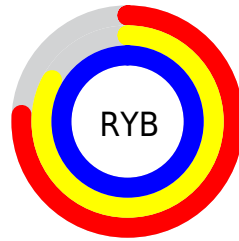
The YUV color $216.2160, 19.1205, -19.4834$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $232.7840, -19.1205, 19.4834$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8040, 0.5896, -2.4591$, and $160.9880, 18.2469, -19.2835$ is the 20% darker color. If you saturate the color by 10%, you get $199.9360, 27.1466, -27.1309$, and if you desaturate by 10%, it is $232.4960, 11.0945, -11.8360$.

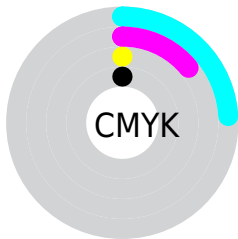
Distribution



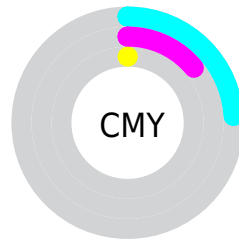
- Red (76%)
- Green (86%)
- Blue (100%)



- Red (76%)
- Yellow (83%)
- Blue (100%)



- Cyan (24%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.2160, 19.1205, -19.4834 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 216.2160, 19.1205, -19.4834 by changing the saturation by 10% instead.

■ 216.2160, 19.1205,
-19.4834

■ 216.2160, 19.1205,
-19.4834

255.0000, 0.0000,
0.0000

■ 188.1020, 18.6837,
-19.3835

■ 253.8040, 0.5896,
-2.4591

■ 160.9880, 18.2469,
-19.2835

■ 134.8740, 17.8101,
-19.1835

■ 109.0590, 17.2259,
-18.4687

■ 84.6460, 16.9365,
-18.9835

■ 60.8200, 16.3577,
-20.0131

■ 36.7980, 16.3686,

-23.5018

■ 18.9730, 14.3103,
-16.6393

■ 3.6650, 11.5042,
-3.2142

■ 216.2160, 19.1205,
-19.4834

■ 216.2160, 19.1205,
-19.4834

■ 199.9360, 27.1466,
-27.1309

■ 232.4960, 11.0945,
-11.8360

■ 183.9440, 35.0306,
-35.9079

■ 248.4880, 3.2104,
-3.0590

■ 167.6640, 43.0566,
-43.5553

255.0000, 0.0000,
0.0000

■ 151.0850, 51.2301,
-51.8175

■ 135.0930, 59.1142,
-60.5946

■ 118.8130, 67.1402,
-68.2420

■ 103.1200, 74.8768,
-76.4042

■ 93.0530, 79.8399,
-81.6075

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212.7860, 17.8535, -33.1383



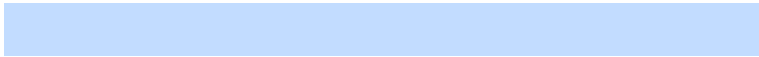
216.2160, 19.1205, -19.4834



219.7130, 15.4245, -0.6253

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



216.2160, 19.1205, -19.4834



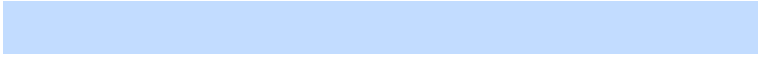
219.6080, -8.6807, 31.0388



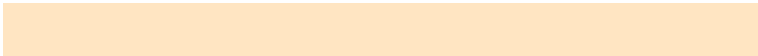
212.7130, -8.2395, -17.2883

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



216.2160, 19.1205, -19.4834



232.7840, -19.1205, 19.4834

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215.2760, -15.4191, -1.1191



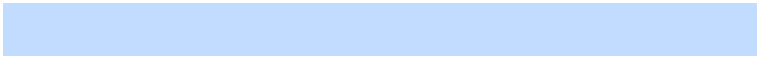
216.2160, 19.1205, -19.4834



219.3380, -15.9426, 26.8906

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.2160, 19.1205, -19.4834



221.4750, -0.2342, 28.5244



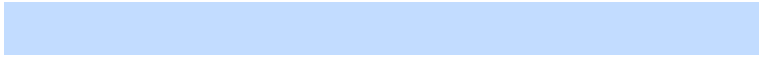
217.5770, -18.5255, 15.2800



211.2580, 1.8448, -31.7983

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.2160, 19.1205, -19.4834



221.0520, 11.3134, 11.3554



217.5770, -18.5255, 15.2800



213.6490, -11.1660, -11.9702

Sweetspot

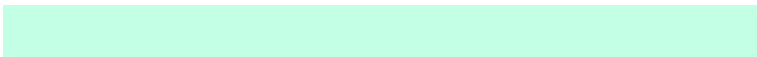
The Sweet Spot groups the original color and five complimentary colors.



216.2160, 19.1205, -19.4834



243.7480, 5.5472, -5.9180



233.7970, -2.3649, -34.9020



121.1890, 3.3578, -3.6738



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.2160, 19.1205, -19.4834



208.2200, 23.0625, -23.8719



202.1500, 26.0551, -3.6395



119.4170, 4.2314, -3.8737



69.9080, 59.6984, -61.3093



23.1450, 20.1415, -20.2982

Inverse Universe

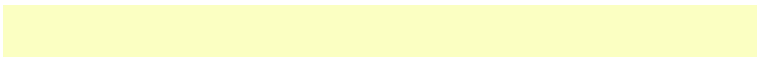
The Inverse Universe completely reimagines the original color for something new.



215.2030, 2.3649, 34.9020



206.7740, 3.0694, 42.2942



246.8500, -26.0550, 3.6396



119.4570, 0.2677, 7.4922



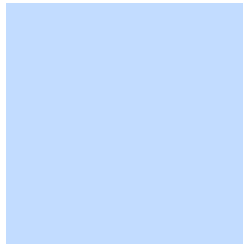
66.4570, 7.6627, 109.2242



22.2140, 2.3595, 36.6463

Previews

White Background



This preview shows how the YUV color 216.2160, 19.1205, -19.4834 looks on a white background.

Color Contrast Check

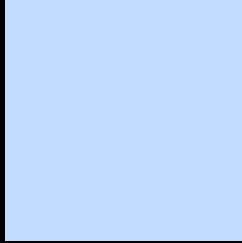
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 216.2160, 19.1205, -19.4834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

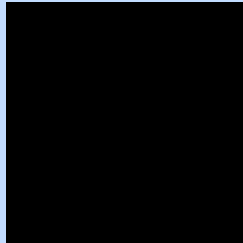
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

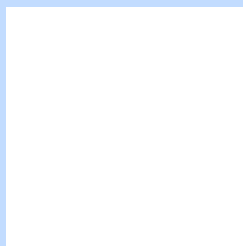
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 216.2160, 19.1205, -19.4834 Background



This preview shows how black text looks on a background with the YUV color 216.2160, 19.1205, -19.4834.



This preview shows how white text looks on a background with the YUV color 216.2160, 19.1205, -19.4834.

-19.4834.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

216.2160, 19.1205, -19.4834

Protanopia

218.6090, 16.4618, -6.6731

Deuteranopia

218.9950, 17.7505, 0.0044



Tritanopia

214.7830, 12.4320, -20.8577

Trichromacy



Original Color

216.2160, 19.1205, -19.4834

Protanomaly

217.5160, 17.4936, -10.9765

Deuteranomaly

218.0650, 18.2090, -7.0730

Tritanomaly

215.0650, 14.7580, -20.2280

Monochromacy



Original Color

216.2160, 19.1205, -19.4834

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.7910, 7.0050, -6.8327

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.2160, 19.1205, -19.4834 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(194, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 220, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(194, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 220, 255) }
```

Border

The CSS property to change the border of an element to YUV 216.2160, 19.1205, -19.4834 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 220, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(194, 220, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(194, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 220,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 216.2160, 19.1205, -19.4834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 220, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(194,  
220, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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